

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6916042

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY DATA previously recorded on Reel 049238 Frame 0148. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
JOHN JOSEPH GRANIER	06/26/2018
DENNIS EUGENE WILSON	06/26/2018
JOEL BRAD BAILEY	06/26/2018
RECEIVING PARTY DATA	
Name:	ENERGETIC MATERIALS & PRODUCTS, INC.
Street Address:	1413 BRANDI LN
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78681
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	10247529
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	512-343-6116
Email:	stephanie@russellnglaw.com
Correspondent Name:	RUSSELL NG PLLC
Address Line 1:	8729 SHOAL CREEK BLVD., SUITE 100
Address Line 4:	AUSTIN, TEXAS 78757
ATTORNEY DOCKET NUMBER:	EMPI-1001
NAME OF SUBMITTER:	ANTONY P. NG
SIGNATURE:	/Antony P. Ng/
DATE SIGNED:	09/14/2021
Total Attachments: 4	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN JOSEPH GRANIER	06/26/2018
DENNIS EUGENE WILSON	06/26/2018
JOEL BRAD BAILEY	06/26/2018
RECEIVING PARTY DATA	
ENERGETIC MATERIALS & PRODUCTS, INC.	
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD 1413 BRANDI LN
City:	ARMONK ROUND ROCK
State/Country:	NEW YORK TEXAS
Postal Code:	10504 78681
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16018346
CORRESPONDENCE DATA	
Fax Number:	
Phone:	512-343-6116
Email:	stephanie@russellnglaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	RUSSELL NG PLLC
Address Line 1:	8729 SHOAL CREEK BLVD., SUITE 100
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ATTORNEY DOCKET NUMBER:	EMPI.1001
NAME OF SUBMITTER:	ANTONY P. NG

PATENT

Signature:	/ANTONY P. NG/
Date:	05/21/2019
Total Attachments: 2 source=EMPI-1001_Assignment-Declaration_executed#page1.tif source=EMPI-1001_Assignment-Declaration_executed#page2.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT5532576
Receipt Date:	05/21/2019

DECLARATION (37 C.F.R. §1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. § 1.76) AND ASSIGNMENT

TITLE: REACTIVE SHOT SHELL FOR BREACHING BARRIERS

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

United States application or PCT international application number 16/018,346 filed on 06/26/2018.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the Docket Number provided above in the header of this document;

Whereas, Energetic Materials & Products, Inc., a corporation of Texas having a place of business at Round Rock, Texas (herein referred to as "EMPI"), desires to acquire, and each undersigned inventor desires to grant to EMPI, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to EMPI ("ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to EMPI, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by EMPI, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in EMPI, its successors, legal representatives, and assigns, whenever requested by

EMPI, its successors, legal representatives, or assigns.

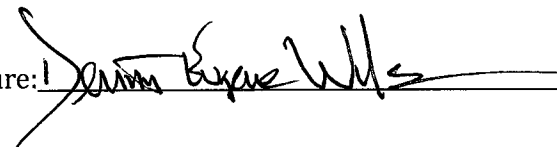
Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to EMPI and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants EMPI, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Texas, and any disputes will be resolved in a Texas state court or federal court sited in Texas.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.


(1) Legal Name of Inventor: **JOHN JOSEPH GRANIER**

Signature:  Date: 6/26/18

(2) Legal Name of Inventor: **DENNIS EUGENE WILSON**

Signature:  Date: 6/26/2018

(3) Legal Name of Inventor: **JOEL BRAD BAILEY**

Signature:  Date: 6/26/18